

Turk Talk screenshots for Journal publication

A series of screenshots to illustrate how to play and direct a Scenario using Turk Talk approach.

Here is the Visual Editor concept map for

<http://demo.openlabyrinth.ca/labyrinthManager/global/606>, our first OpenLabyrinth case design, using the Turk Talk approach.

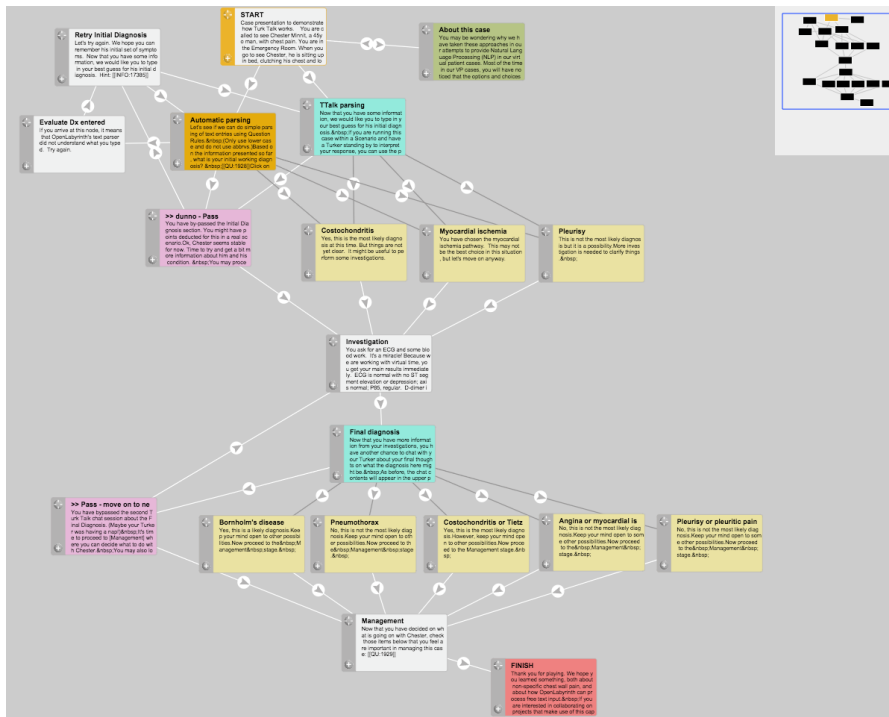


Figure 1: concept map for first Turk Talk case.

In this concept map, extracted from our first Turk Talk case design, the flow is from top downwards. Each Node contains a single page within the case or labyrinth, linked according to the arrowed lines. The aquamarine nodes are Turk Talk nodes where the learner interacts with the facilitator. The light yellow nodes are the possible destination points that the facilitator can send the learner on to. The dark grey links signify hidden paths that are not immediately apparent to the learner as a choice but that the facilitator can direct them along.

The screenshot displays the OpenLabyrinth Scenario Director's chat view. At the top, there is a navigation bar with the OpenLabyrinth logo and menu items: Home, Labyrinths, Tools, Scenarios, Sets, Forums, Help, and a user profile for David Topps. Below the navigation bar is a search bar and a toolbar with options like Forum, Change step, Edit, Visual editor, Statistics, Reset, Delete, Conditions, and Create Scenario. The main area is a grid of chat windows for seven learners. On the left side, there are numbered shortcuts (1-7) with text boxes containing messages like 'Be more specific', 'Please expand on that', 'Please stop typing & read carefully.', 'Sorry to keep you waiting.', 'I don't understand. Can you rephrase?', 'You are really close', and 'You need to change your line of thought'. Each chat window has a header with the learner's name, a text input field with a 'Submit' button, a 'Redirect to...' dropdown menu, and a status bar showing 'NodeId' and 'Node Title'.

Figure 2: Scenario Director's chat view

In Figure 2, the Chat view shows what the Scenario Director will see while waiting for the learners to login and start the case. Note the shortcut text macros in the top left, that can be inserted into any column.

The columns can be assigned to any learner and can also be dragged into a different viewing order. Each column displays the current Turk Talk conversation with that learner, and has its own input field, a list of Nodes that the facilitator can redirect the learner to, and the current Node/location of that learner.

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Q Labyrinth Search

Turk Talk Test Chat Forum Delete

1 Be more specific

2 Please expand on that

5 Please stop typing & read carefully.

6 Sorry to keep you waiting.

7 I don't understand. Can you rephrase?

3 You are really close

4 You need to change your line of thought

+	D Topps (gr)	+	Michelle Cu	+	Rachel Ella	+	Nishan Sha
Type your response...		Type your response...		Type your response...		Type your response...	
Submit		Submit		Submit		Submit	
- Redirect to... →		- Redirect to... →		- Redirect to... →		- Redirect to... →	
NodeId: 17365 Node Title: START		NodeId: 17365 Node Title: START		NodeId: 17365 Node Title: START		NodeId: 17365 Node Title: START	

Figure 3: four users waiting at the START node



TTalk parsing

Now that you have some information, we would like you to type in your best guess for his initial diagnosis.

If you are running this case within a Scenario and have a Turker standing by to interpret your response, you can use the panels below to text chat with the Turker. Use the lower panel to enter your responses; the upper panel will show the rolling results of the chat session.

When the Turker or Scenario Director is satisfied with your answer, you will be directed onwards in the case.

If you wish, you can bypass this step, using the [Pass] button at the bottom of the page.

 You are now entering a 'Turk Talk zone' below. Type your responses into the lower section. 

What is your initial diagnosis?

enter short phrases here...

Submit

>> dunno - Pass

Figure 4: what the learner sees when they reach their first Turk Talk node.

This user has reached the first Turk Talk node. Text is entered in the lower portion of the dialog box. Note the highlighter box drawing the user's attention to this.



TTalk parsing

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When the Turker or Scenario Director is satisfied with your answer, you will be directed onwards in the case.

If you wish, you can bypass this step, using the [Pass] button at the bottom of the page.

 You are now entering a **'Turk Talk zone'** below. Type your responses into the lower section. 

What is your initial diagnosis?

what do I do now?

Submit

Figure 5: remind users to enter text in the lower portion of the column

When the learner clicks [Submit], the message is sent to the Turker.



TTalk parsing

Now that you have some information, we would like you to type in your best guess for his initial diagnosis.

If you are running this case within a Scenario and have a Turker standing by to interpret your response, you can use the panels below to text chat with the Turker. Use the lower panel to enter your responses; the upper panel will show the rolling results of the chat session.

When the Turker or Scenario Director is satisfied with your answer, you will be directed onwards in the case.

If you wish, you can bypass this step, using the [Pass] button at the bottom of the page.

 You are now entering a **'Turk Talk zone'** below. Type your responses into the lower section. 

What is your initial diagnosis?

You:
what do I do now?

enter short phrases here...

Submit

Figure 6: the sent message appears in the learner's chat column

...and the Turker then sees this text in the learner's column...

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Labyrinth Search

Turk Talk Test Chat Forum Delete

- 1 Be more specific
- 2 Please expand on that
- 5 Please stop typing & read carefully.
- 6 Sorry to keep you waiting.
- 7 I don't understand. Can you rephrase?
- 3 You are really close
- 4 You need to change your line of thought

D Topps (gr)	Michelle Cu	Rachel Ella	Nishan Sha
User: what do I do now?			
Type your response...	Type your response...	Type your response...	Type your response...
Submit	Submit	Submit	Submit
- Redirect to... →	- Redirect to... →	- Redirect to... →	- Redirect to... →
NodeId: 17366 Node Title: TTalk parsing	NodeId: 17365 Node Title: START	NodeId: 17365 Node Title: START	NodeId: 17365 Node Title: START

Figure 7: Scenario Director's view, showing activity in column 1

Note that this column goes pink to draw attention to waiting input. The Turker types their response just below that column...

Q Labyrinth Search

Turk Talk Test Chat Forum

Delete

- 1 Be more specific
- 2 Please expand on that
- 5 Please stop typing & read carefully.
- 6 Sorry to keep you waiting.
- 7 I don't understand. Can you rephrase?
- 3 You are really close
- 4 You need to change your line of thought

D Topps (gr)	Michelle Cu	Rachel Ella	Nishan Sha
<p>User: what do I do now?</p>			
<input type="text" value="enter your Dx as a short note"/>	<input type="text" value="Type your response..."/>	<input type="text" value="Type your response..."/>	<input type="text" value="Type your response..."/>
<input type="button" value="Submit"/>	<input type="button" value="Submit"/>	<input type="button" value="Submit"/>	<input type="button" value="Submit"/>
<input type="button" value="- Redirect to..."/>	<input type="button" value="- Redirect to..."/>	<input type="button" value="- Redirect to..."/>	<input type="button" value="- Redirect to..."/>
<input type="button" value="→"/>	<input type="button" value="→"/>	<input type="button" value="→"/>	<input type="button" value="→"/>
<p>NodId: 17366 Node Title: TTalk parsing</p>	<p>NodId: 17365 Node Title: START</p>	<p>NodId: 17365 Node Title: START</p>	<p>NodId: 17365 Node Title: START</p>

Figure 8: showing where the facilitator types their questions and responses to the learner

...and this is sent back to the learner when the Turker clicks the blue [Submit] button for that column.

OpenLabyrinth Home Labyrinths Tools Scenarios Sets Forums Help

Labyrinth Search

Turk Talk Test Chat Forum Delete

- Be more specific
- Please expand on that
- You are really close
- You need to change your line of thought
- Please stop typing & read carefully.
- Sorry to keep you waiting.
- I don't understand. Can you rephrase?

D Topps (gr)	Michelle Cu	Rachel Ella	Nishan Sha
<p>User: what do I do now?</p> <p>You: enter your Dx as a short note</p>			
Type your response...	Type your response...	Type your response...	Type your response...
Submit	Submit	Submit	Submit
- Redirect to... →	- Redirect to... →	- Redirect to... →	- Redirect to... →
NodeId: 17366 Node Title: TTalk parsing	NodeId: 17365 Node Title: START	NodeId: 17365 Node Title: START	NodeId: 17365 Node Title: START

Figure 9: column 1 shows the new response and the pink color is cleared.

...at which point, the column turns from pink to white again. And this is what the learner now sees on their screen...



TTalk parsing

Now that you have some information, we would like you to type in your best guess for his initial diagnosis.

If you are running this case within a Scenario and have a Turker standing by to interpret your response, you can use the panels below to text chat with the Turker. Use the lower panel to enter your responses; the upper panel will show the rolling results of the chat session.

When the Turker or Scenario Director is satisfied with your answer, you will be directed onwards in the case.

If you wish, you can bypass this step, using the [Pass] button at the bottom of the page.

 You are now entering a **'Turk Talk zone'** below. Type your responses into the lower section. 

What is your initial diagnosis?

You:
what do I do now?

Turker:
enter your Dx as a short note

enter short phrases here...

Submit

Figure 10: what the learner sees when the facilitator replies

Now, on this next diagram, we have four learners all on the same first Turk Talk node...

Q Labyrinth Search

Turk Talk Test Chat Forum

Delete

- 1 Be more specific
- 2 Please expand on that
- 3 You are really close
- 4 You need to change your line of thought
- 5 Please stop typing & read carefully.
- 6 Sorry to keep you waiting.
- 7 I don't understand. Can you rephrase?

D Topps (gr)	Michelle Cu	Rachel Ella	Nishan Sha
User: what do I do now?	User: is anyone there?	User: I don't think I have enough info yet to be sure	User: i think it might be chest pain
You: enter your Dx as a short note		You: sometimes we have to proceed on limited info	You: Be more specific
		User: can I do some tests first?	User: thoracic pain
			You: Please expand on that
Type your response...	Type your response...	we want your first impressions	Type your response...
Submit	Submit	Submit	Submit
- Redirect to...	- Redirect to...	- Redirect to...	- Redirect to...
→	→	→	→
NodeId: 17366 Node Title: TTalk parsing	NodeId: 17366 Node Title: TTalk parsing	NodeId: 17366 Node Title: TTalk parsing	NodeId: 17366 Node Title: TTalk parsing

Figure 11: showing conversations with four users.

You will notice that the middle two learners are waiting for responses from the facilitator. Column 3 has a response that is just about to be sent out by the facilitator

Q Labyrinth Search

Turk Talk Test Chat Forum

Delete

- 1 Be more specific
- 2 Please expand on that
- 3 You are really close
- 4 You need to change your line of thought
- 5 Please stop typing & read carefully.
- 6 Sorry to keep you waiting.
- 7 I don't understand. Can you rephrase?

+ D Topps (gr)	+ Michelle Cu	+ Rachel Ella	+ Nishan Sha
<p>User: what do I do now?</p> <p>You: enter your Dx as a short note</p> <p>User: pleuritic chest pain</p> <p>Type your response...</p> <p>Submit</p> <p>✓ - Redirect to... - >> dunno - Pass Costochondritis Myocardial ischemia Pleurisy parsing</p>	<p>User: is anyone there?</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to... →</p>	<p>User: I don't think I have enough info yet to be sure</p> <p>You: sometimes we have to proceed on limited info</p> <p>User: can I do some tests first?</p> <p>You: we want your first impressions</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to... →</p>	<p>User: i think it might be chest pain</p> <p>You: Be more specific</p> <p>User: thoracic pain</p> <p>You: Please expand on that</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to... →</p>

Figure 12: showing the dropdown list of target nodes that the facilitator can redirect towards.

Now column 1 has responded with an answer that is close enough and the Turker is about to redirect them onwards to the node titled 'Pleurisy', using the dropdown list of target nodes available at that point. If you refer back to the concept map at the top of this document, you will see the Nodes that are reachable from the 'TTalk parsing' node, namely '>> dunno - Pass' (in pink), 'Costochondritis', 'Myocardial ischemia' and 'Pleurisy', (all in pale yellow). Because the links to the latter three Nodes have been greyed out, they are not visible as options to the learner as direct links but are still available as directable pathways for the facilitator to send the Learner along.

Q Labyrinth Search

Turk Talk Test Chat Forum Delete

- 1 Be more specific
- 2 Please expand on that
- 3 You are really close
- 4 You need to change your line of thought
- 5 Please stop typing & read carefully.
- 6 Sorry to keep you waiting.
- 7 I don't understand. Can you rephrase?

+ D Topps (gr)	+ Michelle Cu	+ Rachel Ella	+ Nishan Sha
User: what do I do now?	User: is anyone there?	User: I don't think I have enough info yet to be sure	User: i think it might be chest pain
You: enter your Dx as a short note		You: sometimes we have to proceed on limited info	You: Be more specific
User: pleuritic chest pain		User: can I do some tests first?	User: thoracic pain
		You: we want your first impressions	You: Please expand on that
Type your response...	Type your response...	Type your response...	Type your response...
Submit	Submit	Submit	Submit
Pleurisy	- Redirect to...	- Redirect to...	- Redirect to...
→	→	→	→
Nodeid: 17366 Node Title: TTalk parsing	Nodeid: 17366 Node Title: TTalk parsing	Nodeid: 17366 Node Title: TTalk parsing	Nodeid: 17366 Node Title: TTalk parsing

Figure 13: the target has been chosen for column 1 but not yet activated

The learner is not redirected until the Turker clicks the green arrow.

Q Labyrinth Search

Turk Talk Test Chat Forum

Delete

1 Be more specific

2 Please expand on that

5 Please stop typing & read carefully.

6 Sorry to keep you waiting.

7 I don't understand. Can you rephrase?

3 You are really close

4 You need to change your line of thought

<p>+ D Topps (gr)</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to...</p> <p>Nodeld: 17370 Node Title: Pleurisy</p>	<p>+ Michelle Cu</p> <p>User: is anyone there?</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to...</p> <p>Nodeld: 17366 Node Title: TTalk parsing</p>	<p>+ Rachel Ella</p> <p>User: I don't think I have enough info yet to be sure</p> <p>You: sometimes we have to proceed on limited info</p> <p>User: can I do some tests first?</p> <p>You: we want your first impressions</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to...</p> <p>Nodeld: 17366 Node Title: TTalk parsing</p>	<p>+ Nishan Sha</p> <p>User: I think it might be chest pain</p> <p>You: Be more specific</p> <p>User: thoracic pain</p> <p>You: Please expand on that</p> <p>Type your response...</p> <p>Submit</p> <p>- Redirect to...</p> <p>Nodeld: 17366 Node Title: TTalk parsing</p>
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Figure 14: column 1 has now been moved onwards and the chat is cleared.

When the learner is moved on, as in Column 1, the chat column is cleared and the node location now shows the Turker that the learner is on the 'Pleurisy' node. And this next diagram is what the learner now sees as a new node, with a Turk Talk session:

Pleurisy

This is not the most likely diagnosis but it is a possibility.

More investigation is needed to clarify things.

Investigation

Figure 15: learner's view once redirected onwards

It is important to provide your facilitators, Turkers and Scenario Directors with a script that illustrates these pathways and what are considered to be acceptable answers.

See [Turker Script for Scenario 95a.docx](#)

Commented [DT1]: Insert xref to 'Turker script'